## PATENT COOPERATION TREATY

# **PCT**

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	
SCB/PB60728	1	see Form PCT/ISA/220 I as, where applicable, liem 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/GB2005/000348	01/02/2005	03/02/2004
Applicant		0370272004
This international Search Report consis    X	ts of a total of 8 sheets.  By a copy of each prior art document cited in this  Butternational search was carried out on the back	report.
language in which it was filed, u	nless otherwise indicated under this item.	es or the international abblication 10 (08
The internationa this Authority (R	I search was carried out on the basis of a transis	ation of the international application furnished to
	416 25.1(D)),	
41 Tall togald to tally flacing	ootide and/or amino acid sequence disclosed i	n the international application, see Box No. 1.
2. X Certain claims were to	und unsearchable (See Box II).	
3. Unity of invention is la	king (see Box III).	
4. With regard to the title,		
the text is approved as s	ubmitted by the applicant.	
Ihe text has been establi	shed by this Authority to read as follows:	
	DULATORS AND PDE4 INHIBITORS	FOR USE IN MEDICINE
5. With regard to the abstract.		
· ·	bmitted by the applicant.	
the text is approved as su	ibmitted by the applicant. hed, according to Rule 38.2(b), by this Authority in the date of mailing of this international search	as it appears in Box No. IV. The applicant report, submit comments to this Authority.
the text is approved as su the text has been establis may, within one month fro	hed, according to Bule 38 2/h), by this Authority	as it appears in Box No. IV. The applicant report, submit comments to this Authority.
the text is approved as su the text has been establis may, within one month fro  With regard to the drawings,	hed, according to Flule 38.2(b), by this Authority in the date of mailing of this international search	report, submit comments to this Authority.
the text is approved as su the text has been establis may, within one month from the drawings,	thed, according to Flule 38.2(b), by this Authority of the date of mailing of this international search ublished with the abstract is Figure No.	report, submit comments to this Authority.
the text is approved as su the text has been established may, within one month tro  With regard to the drawings, a. the figure of the drawings to be passed by the drawings.	thed, according to Flule 38.2(b), by this Authority in the date of mailing of this international search ublished with the abstract is Figure No.	report, submit comments to this Authority.
the text has been establismay, within one month tro  B. With regard to the drawings,  a. the figure of the drawings to be passed by the drawings to be passed by the drawings.	thed, according to Flule 38.2(b), by this Authority of the date of mailing of this international search ublished with the abstract is Figure No.	report, submit comments to this Authority.

Form PCT/ISA/210 (first sheet) (January 2004)

international application No.

PCT/GB2005/000348

#### Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

Combination of one or more CB2 modulators such as a compound of formula (I), (II) and (III) = 1000

and one or more PDE4 inhibitors are useful of treating conditions which are mediated by the activity of CB2 receptors or conditions which are mediated by PDE4, such as an immune disorder, an inflammatory disorder, pain, rheumatoid

NO. 1316 P. 4/9

International Application No

,			PCT/GB2005/00034	8
A. CLASS IPC 7	A61K31/505 A61P11/00 A6	1P37/00 A61	29/00	
	to international Patent Classification (IPC) or to both nations	ol classification and IPC		
	SEARCHED locumentation searched (classification system followed by o	-1	···	. —
IPC 7	A61K	lassification symbols)		<del></del>
Documenta	ution searched other than minimum documentation to the ext	leni that such documents a	re included. In the fields searched	
Electronic c	data base consulted during the international search (name of	of data base and, where pr	actical, search terms used)	<del></del>
	ternal, WPI Data, EMBASE, BIOSI			
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category *	Criation of document, with indication, where appropriate,	ol the relevant passages	Flellova	nt to claim No.
Y	FR 2 839 718 A (SANOFI-SYNTH 21 November 2003 (2003-11-21 abstract	)	1-7	
	page 13, line 10 - page 14,			
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Y	US 5 925 768 A (BARTH ET AL) 20 July 1999 (1999-07-20) column 1, paragraph 2 column 26, line 11 - line 29		1-7	
	<b></b> -	-/		,
X Further	er documents are listed in the continuation of box C.	X Patent far	nlly members are listed in annex.	
Special cate	egories of clied documents :	"T" later documen	published after the international flung d	
Consider E" earlier do	il defining the general state of the lart which is not red to be of particular relevance current but published on or after the International	or phorny dan cited to under Invention	a and not in conflict with the application cland the punciple or theory underlying	but lhe
L* document Which is citation o	te t which may throw doubts on priority claim(s) or clied to establish the publication date of another or other special reason (as specified)	cannot be con involve an inv "Y" document of pa	idicular relevance; the claimed invention sidered novel or cannot be considered in entive step when the document is taken inticular relevance; the claimed invention	to alone
omerine :P* documen	it referring to an oral disclosure, use, exhibition or eans I published prior to the international filing date but In the priority date claimed	ment is c ments, such c in the art.	sidered to involve an inventive, step whe ombined with one or more other, such do ombination being obvious to a person s	A-A-s
	tual completion of the international search		oer of the same patent family of the international search report	
22	April 2005	06/05		
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	NL – 2260 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 apo ni, Far: (+51–70) 340–3016	Glaco	hhe S	

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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	HUANG Z ET AL: "The next generation of PDE4 inhibitors." CURRENT OPINION IN CHEMICAL BIOLOGY. AUG 2001, vol. 5, no. 4, August 2001 (2001-08), pages 432-438, XP002325704 ISSN: 1367-5931 figure 1 page 432, column 1, paragraph 1	1-7
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C./Captie	INTON) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/GB2005/000348
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- Calegory	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
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,		

Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)
Continuation of Refit 2 of 11/5t sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 1, 2 and 4-6 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.; because they relate to parts of the international Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:
3. Claims Nos.; because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)
This International Searching Authority found multiple inventions in this International application, as follows:
1. As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

Information on patent family members

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